

Electronic Acknowledgement Receipt

EFS ID:	11454753
Application Number:	10775599
International Application Number:	
Confirmation Number:	2143
Title of Invention:	Methods and apparatuses for stretching polymers
First Named Inventor/Applicant Name:	Eugene Y. Chan
Correspondence Address:	Helen C. Lockhart, Ph.D. Wolf, Greenfield & Sacks, P.C. 600 Atlantic Aveune - Boston MA 02210 US 6177203500 hlockhart@wolfgreenfield.com
Filer:	Shannon M. Vittengl/Sara Douglas
Filer Authorized By:	Shannon M. Vittengl
Attorney Docket Number:	C0989.70030US01
Receipt Date:	21-NOV-2011
Filing Date:	10-FEB-2004
Time Stamp:	16:03:33
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$ 180

RAM confirmation Number		2991			
Deposit Account		232825			
Authorized User		VITTENGL,SHANNON M.			
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)					
File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Foreign Reference	EP1380337.pdf	2658750	no	44
			5bec35468e470dc894bc6452990d6e0845eb971f		
Warnings:					
Information:					
2	Foreign Reference	JP63196845_Eng_Abstract.pdf	71188	no	1
			75a5945065faa82857a8f51441ea1202df107cde		
Warnings:					
Information:					
3	Foreign Reference	WO9416313.pdf	6074785	no	156
			522b6c2bdb68615dd93c8bc2b634dc7a2bdd58eb		
Warnings:					
Information:					
4	Foreign Reference	WO9835012.pdf	9960370	no	185
			9e30300063a4f505a843a6b3aae5e181816ab007		
Warnings:					
Information:					
5	Foreign Reference	WO0056444.pdf	2518501	no	70
			fc1dacb7c72d9a5a6cc6a33996dec4c75b645f08		
Warnings:					
Information:					
6	Foreign Reference	WO0128700.pdf	2655712	no	68
			355566b5ae4e62486a596404375e59e390f48d95		
Warnings:					
Information:					
7	Foreign Reference	WO03000416.pdf	3956592	no	80
			e7d430ebbcb07425f3797829b5ab745dcb73f5e0a		
Warnings:					
Information:					

8	Foreign Reference	WO05078137.pdf	5650547	no	117
			04030a441b9da76d07977d0c1407344ea12791ea		
Warnings:					
Information:					
9	Foreign Reference	WO05085849.pdf	2523703	no	45
			769742d74ceada932482e949d319a859425d3bda		
Warnings:					
Information:					
10	Non Patent Literature	No_Author_Listed_Physics_To day_Online_2002_2_pages.pdf	70759	no	2
			4371e5a51c447a4fbd8d1436754c34c55bb297		
Warnings:					
Information:					
11	Non Patent Literature	No_Author_Listed_Fraen_Srl_ Online_FLP_Series_Lenses_1-4- 2005_8_pages.pdf	232841	no	8
			697f5968772f8c04749cf6a084c273a79d0342f4		
Warnings:					
Information:					
12	Non Patent Literature	Agronskaia_et_al_Anal_Chem_ 1999_v71_p4684.pdf	48341	no	1
			70acd543d6b14d3b4422e89ca9bb74fdbcb43d75f		
Warnings:					
Information:					
13	Non Patent Literature	Ashworth_et_al_Comp_Meth_ 1989_v30_p21.pdf	848352	no	12
			822fc4ad228180bfa17a13d42ce6e26508f38b04		
Warnings:					
Information:					
14	Non Patent Literature	Cova_et_al_J_Mod_Opt_2004_ v51_p1267.pdf	1056054	no	22
			fb6371804cb94c5d902e5c46839069e2ff1e7f74		
Warnings:					
Information:					
15	Non Patent Literature	Dittrich_et_al_Biophys_J_2002_ _v82_p43a.pdf	887152	no	3
			01a34664689bfe348413f791482b1a6e73e4db073		
Warnings:					
Information:					
16	Non Patent Literature	Giddings_et_al_Wiley- Interscience_2000_ch1_p3.pdf	1142534	no	15
			4e9872bd95b4d4b9118fe286fe6a7187f68a782e		
Warnings:					
Information:					

17	Non Patent Literature	Jo_et_al_Proc_Natl_Acad_Sci_USA_2007_v104_p2673.pdf	8810826	no	6
			73cfa512b37500c1c049bbd4b78f30303ce454ed		
Warnings:					
Information:					
18	Non Patent Literature	Kartha_et_al_Spectrochimica_Acta_Part_A_1987_v43_p911.pdf	54342	no	1
			5abc3f114c0b810f6f4a0ab7628c4e8c269d8571		
Warnings:					
Information:					
19	Non Patent Literature	Krogmeier_et_al_2009_p315a_Board_B452_Abstract.pdf	158217	no	1
			0acf12f14de83232402f761c4ff88499b41fabf6		
Warnings:					
Information:					
20	Non Patent Literature	Kwok_et_al_2009_p48a_244-Pos_Abstract_Only.pdf	153213	no	1
			e998fdc96de799831b9157b58045c68b76494711		
Warnings:					
Information:					
21	Non Patent Literature	Lee_et_al_Anal_Chem_2001_v73_p837.pdf	156649	no	7
			544ea5411fca6e7334c543a2b7d94055af8cd08f		
Warnings:					
Information:					
22	Non Patent Literature	Lee_et_al_J_Micromech_Microeng_2001_v11_p654.pdf	871079	no	8
			f2464d5876264a6cb49ac0d4b65e469b8d621f38		
Warnings:					
Information:					
23	Non Patent Literature	Li_et_al_Wiley-Interscience_2000_ch28_p433.pdf	1197503	no	20
			6411d800a3555a45fa6eb6e9ec7daabdbe9a15bd		
Warnings:					
Information:					
24	Non Patent Literature	Meltzer_et_al_Lab_Chip_2011_v11_p863.pdf	12714017	no	11
			f439131e51c9f5c938258e7d35a41538dbb689d0		
Warnings:					
Information:					
25	Non Patent Literature	Michalet_et_al_Science_1997_v277_p1518.pdf	809452	no	6
			cf2a219b637d2c4bf8a64a240b2a0b3af73dc26a8		
Warnings:					
Information:					

26	Non Patent Literature	Papakov_et_al_Biophysical_Soc_53rd_Annual_Meeting_February_28_March_4_2009_Boston.pdf	12228977	no	10
			2592b55cfb363e20dedc4fe06b5c86bc084896d1		
Warnings:					
Information:					
27	Non Patent Literature	Perkins_et_al_Science_1997_v276_p2016.pdf	743837	no	6
			5a1f44c19c52e7162aa806f78635b1177ae036af		
Warnings:					
Information:					
28	Non Patent Literature	Perkins_et_al_Science_1995_v268_p83.pdf	511649	no	5
			caea0d263dab0fa8eb029083726cda7545773208		
Warnings:					
Information:					
29	Non Patent Literature	Protozanova_et_al_2009_p25a_122-Pos_Abstract_Only.pdf	149779	no	1
			471b5e54d74a8b75e1563bbe389f28788ee3c4b9		
Warnings:					
Information:					
30	Non Patent Literature	Protozanova_et_al_Anal_Biochem_2010_v402_p83.pdf	1846201	no	8
			ad4ee0d70d3c454c4fac7a2c3ea821d2dee55717		
Warnings:					
Information:					
31	Non Patent Literature	Radcliff_et_al_Meth_Mol_Biol_1998_v91_p1.pdf	4167353	no	24
			ebecdaee204c6dff15f8653c013d01c3a4d2f1cd4		
Warnings:					
Information:					
32	Non Patent Literature	Rouzina_et_al_Biophysical_J_2001_v80_p894.pdf	111862	no	7
			0842b5da0f1c535ed6cecb42a970a7d2d11bb907		
Warnings:					
Information:					
33	Non Patent Literature	Schafer_et_al_Single_Mol_2000_v1_p33.pdf	508873	no	8
			beb54892a8e7b7b6a59a557dfcfba9349724f3c		
Warnings:					
Information:					
34	Non Patent Literature	Smith_et_al_J_Virol_1983_p584.pdf	6829248	no	10
			5dbafd746b3d16fd7e3fac1ce3bb17c2b11779e8		
Warnings:					
Information:					

35	Non Patent Literature	Smith_et_al_J_Virol_1983_p215.pdf	7728829	no	11
			5435f2212aae4468534ce830ca7ad7969186e600		
Warnings:					
Information:					
36	Non Patent Literature	Son_et_al_Nanomed_2007_v2_p79.pdf	3151533	no	4
			88902a09e8a7be5fc3b729b6a463aa747fff4428		
Warnings:					
Information:					
37	Non Patent Literature	Soper_et_al_J_Chrom_1999_v853_p107.pdf	1024083	no	14
			d8a909e6c42dfc15c344f5162126258eefbedad2		
Warnings:					
Information:					
38	Non Patent Literature	Sturm_et_al_Phys_Rev_Letts_1989_v62_p1484.pdf	388265	no	4
			e9ff0950486891e38001ea7c998d4ee56579ff57		
Warnings:					
Information:					
39	Non Patent Literature	Thaxton_et_al_Nanobiotech_2004_p288.pdf	14758451	no	20
			17185b3fae6313c1b585c8aac7a55761916d2783		
Warnings:					
Information:					
40	Non Patent Literature	Protozanova_et_al_Anal_Biochem_2010_v402_p83_Supp_Data.pdf	2269506	no	29
			e82f9d984ea22289ed2de98e1b76dcc863ae41ef9		
Warnings:					
Information:					
41	Non Patent Literature	Wahlund_et_al_J_Chromatogr_1989_v461_p73.pdf	999493	no	15
			76ece30bc0440489605ff0e4399c1443d53fd6b		
Warnings:					
Information:					
42	Non Patent Literature	White_et_al_ClinChem_2009_v455_p2121.pdf	2829644	no	9
			9e88902909ec746c4a792f5ddaf292cd57d9f6c		
Warnings:					
Information:					
43	Non Patent Literature	White_et_al_ClinChem_2009_v455_p2121_Supp_Data.pdf	808293	no	22
			d63fb629bdd87e642a0c219635c7d5c719a3dbd8		
Warnings:					
Information:					

44	Non Patent Literature	Whitesides_et_al_Harvard_MRSEC_Research_Nugget4.pdf	67133 47c89985b866b08d132317724d5729ddf657e1cc	no	1
Warnings:					
Information:					
45	Non Patent Literature	Whitesides_Harvard_MRSEC_Research_Nugget3.pdf	37635 e7ce26300aef3d2a7b298c5ca609d7fb9b462918	no	1
Warnings:					
Information:					
46	Non Patent Literature	Whitesides_Harvard_MRSEC_Research_Nugget11.pdf	21446 21eccee7c093acb6451ec5bc8a23eef0c0b5b99c	no	1
Warnings:					
Information:					
47	Non Patent Literature	Wuite_et_al_Nature_2000_v404_p103.pdf	394137 7e9d414507d1400af5f7ea3453efe3c7709b9f26	no	4
Warnings:					
Information:					
48	Miscellaneous Incoming Letter	C098970030US01-TRN-SMV.pdf	26494 e5c9d6292110435a9d55eefc2e8eceda7fb21ef3	no	1
Warnings:					
Information:					
49	Fee Worksheet (SB06)	C098970030US01-FEE-SMV.pdf	39205 54176ad9e66c2701af0988ac81d43fe7db24b817	no	1
Warnings:					
Information:					
50		C098970030US01-IDS-SMV.pdf	56920 766fff68a6763baa23868ef995d49d6069d62157	yes	7
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Transmittal Letter		1	3	
	Information Disclosure Statement (IDS) Form (SB08)		4	7	
Warnings:					
Information:					
51	Fee Worksheet (SB06)	fee-info.pdf	29901 a252932733d243671607d138459237f8911d491a	no	2

Warnings:	
Information:	
Total Files Size (in bytes):	127010226
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>	